

List of Plants

C ARJUNOLIC-ACID

Chemid

ARJUNOLICACID

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Plant Part	Low PPM	High PPM	StdDev	*Reference
Psidium guajava	Fruit	--	--		*
Psidium guajava	Root	--	100.0		*
Syzygium claviflorum	Leaf	--	85.0	1.0	Kashiwada, Y., et. al. 1998. Anti-AIDS Agents. 30. Anti-HIV Activity of Oleanolic Acid, Pomolic Acid, and Structurally Related Triterpenoids. <i>J. Nat. Prod.</i> , 61 (9): 1090-1095.
Terminalia arjuna	Stem	--	15.5		Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. <i>Phytochemistry</i> 31 1: 349-351.
Terminalia arjuna	Flower	--	15.5		Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. <i>Phytochemistry</i> 31 1: 349-351.
Terminalia arjuna	Heart Wood	--	8000.0		Row, L. R., Subba, Rao, G. S. R. 1962. Chemistry of Terminalia Species. Part IV. Chemical Examination of <i>T. arjuna</i> : Isolation of Arjunolic Acid Saponin and (+) Leucodelphinidin. <i>J. Indian Chem. Soc.</i> 39: 89.
Terminalia arjuna	Seed	--	15.5		Tripathi, V. K., Pandey, V. B., Udupa, K. N., Rucker, G. 1992. Arjunolitin, a Triterpene Glycoside from Terminalia arjuna. <i>Phytochemistry</i> 31 1: 349-351.
Terminalia arjuna	Root Bark	--	10.0		Anjaneyulu, A. S. R., Rama Prasad, A. V. 1982. Chemical Examination of Roots of <i>Terminalia arjuna</i> (Roxb.) Wight & Arnott: Part I-Characterization of Two New Triterpenoid Glycosides. <i>Indian J. Chem.</i> 21B 6: 530-533.
Terminalia catappa	Bark	--	--		Diyabalanga, T. K. K., Jayasinghe, U. L. B., Simmonds, P. M., Wannigama, G. P., Wickramasinghe, A. 1997. Chemical Investigation of <i>Terminalia catappa</i> . <i>Acgc. Chem. Res. Commun.</i> 6: 26-28.
Terminalia chebula	Fruit	--	--		Lu, P. P., Liu, X. G., Li, X. C., Zhang, D. C., Yokoi, T. 1992. Triterpenes of <i>Terminalia chebula</i> Retz. <i>Chih Wu Hsueh Pao</i> 34 (2): 126-132.
Terminalia arjuna	Leaf	--	15.5	-1.0	*
Terminalia arjuna	Bark	--	150.0		*
Terminalia arjuna	Wood	--	30000.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.